Title (en)

MICRO-MACHINED STENT FOR VESSELS, BODY DUCTS AND THE LIKE

Title (de)

MICROBEARBEITETER STENT FÜR GEFÄSSE, KÖRPERRÖHREN UND DERGLEICHEN

Title (fr)

ENDOPROTHESE MICRO-USINEE POUR VAISSEAUX, CONDUITS CORPORELS ET ANALOGUES

Publication

EP 1128785 A2 20010905 (EN)

Application

EP 99968453 A 19991105

Priority

- US 9925750 W 19991105
- US 18958798 A 19981110

Abstract (en)

[origin: WO0027303A2] A micromachined stent includes an elongate resilient wire formed into a coil for threading lengthwise into and through a catheter for ultimate discharge therefrom to a target location in a blood vessel or body duct. When discharged, the wire resumes a coil form to hold the vessel or duct walls apart. Selective preferential flexibility is provided in the wire by placement of generally transversely formed cuts on the exterior of the wire.

[origin: WO0027303A2] A micromachined stent includes an elongate resilient wire formed into a coil (4) for threading lengthwise into and through a catheter (12) for ultimate discharge therefrom to a target location in a blood vessel or body duct. When discharged, the wire resumes a coil form to hold the vessel or duct walls apart. Selective preferential flexibility is provided in the wire by placement of generally transversely formed cuts (24) on the exterior of the wire.

IPC 1-7

A61F 2/06

IPC 8 full level

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CPC (source: EP US)

A61F 2/88 (2013.01 - EP US); A61F 2250/0018 (2013.01 - EP US); A61F 2250/0067 (2013.01 - EP US)

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